APPENDIX B - REFERENCES

Amweg, E.L., Stuart, D.L. and Weston, D.P. (2003) Comparative bioavailability of selenium to aquatic organisms after biological treatment of agricultural drainage water. Aquat. Tox. 63, 13-25.

Bruun, J.V.D. (2015). Denitrification, greenhouse gas emission and solute transport in reactive drainage filters (subsurface flow constructed wetlands). Ph.D. dissertation, Aarhus University.

Chandron, K. (2012). Greenhouse nitrogen emissions from wastewater treatment operation. Phase I: molecular level through whole reactor level characterization. Water Environment Research Foundation, Alexandria, Virginia, USA. Report No. U4R07.

INAP (2009). The Global Acid Rock Drainage (GARD) Guide. Report prepared by the International Network for Acid Prevention.

Smith, L. and S. Wheatcraft (1993). Groundwater Flow, Ch. 6 in Handbook of Hydrology, ed. D. Maidment, McGraw Hill.

SRK (2019). Teck F2 Saturated Rock Fill Full Scale Trial Performance Report. Prepared by SRK Consulting (Canada) Inc., 1CT017.162. January.

Zaitsef, G., T. Mettanen, and J. Langwaldt (2008). Removal of ammonium and nitrate from cold inorganic mine water by fixed-film biofilm reactors. *Minerals Engineering* 21(1)10-15.

Zhang, H. and Davison, W. (1995). Performance characteristics of the technique of diffusive gradients in thin films (DGT) for the measurement of trace metals in aqueous solution. Anal. Chem. 67, 3391-3400.

APPENDIX C - LIST OF REPORTS AND POWERPOINT PRESENTATIONS

REPORTS

Teck (2014). Elk Valley Water Quality Plan. Prepared by Teck Coal Ltd. July 2014.

SRK (2016). 2015 Submerged Rock Fill Hydrogeology Field Program – EVO F2 Backfilled Pit: Well Construction and Testing Results. Prepared for Teck Coal Ltd. Prepared by SRK Consulting (Canada) Inc. April 2016.

Teck (2017). Elk Valley Water Quality Plan – Summer 2017 Update (Brochure).

Teck (2017). Elkview Operations – Saturated Rock Fill Full Scale Trial Project. Joint Application for a Mines Act Permit Amendment and an Environmental Management Act Permit Amendment. Submitted to B.C. Ministry of Energy and Mines and the Ministry of Environment. Submitted by Elkview Operations, Teck Coal Ltd.

SRK (2017). Elkview Operations SRF Full Scale Trial Experimental Plan and Design Requirements – Changes for REV H – including as-built wellfield. Memorandum prepared for Teck Coal Ltd. Prepared by SRK Consulting (Canada) Inc. April 19, 2017.

Teck (2018). News Release – Teck Reaches Milestone in Water Quality Research Program. October 15, 2018.

SRK (2018). 2018 Update to the F2 SRF Risk Register – Business Confidential. Prepared for Teck Coal Ltd. Prepared by SRK Consulting (Canada) Inc. October 2018

SRK (2018). EVO F2 SRF Full Scale Trial – Weekly Technical Report: Operation Phase. Prepared for Teck R&D and Expert Advisory Panel. Prepared by SRK. December 7, 2018.

SRK (2019). F2 Saturated Rock Fill, Full Scale Trial Performance Report (plus appendices) - Confidential and Proprietary. Prepared for Teck Coal Ltd. Prepared by SRK Consulting (Canada) Inc. January, 2019.

POWERPOINT PRESENTATIONS

SRK (2018). EVO F2 SRF – Vertical 2D Numerical Model: Variable Thickness (DRAFT 2.0)

SRK (2018). EVO F2 SRF - October EAP Update: Physical Flow Field, Reaction Rates, and SRF Capacity.

SRK (2018). EVO F2 SRF: Pseudo-3D Numerical Model (DRAFT).

Solicitor Work Product - Confidential

SRK (2018). EVO F2 SRF: Updated Vertical 2D Numerical Model (DRAFT – Revision 3).

SRK (2019). EVO F2 SRF Full Scale Trial.

SRK (2019). Risk Controls – Summary.

SRK (2019). F2 SRF Feasibility: Process Flow and Wellfield Expansion.

Enviromin (2019). Microbiological Investigations at the SRF